#9

# RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/509,401
Source: PCT
Date Processed by STIC: 5/19/15

# *ENTERED*

PCT

**RAW SEQUENCE LISTING** DATE: 05/19/2005
PATENT APPLICATION: **US/10/509,401** TIME: 10:05:09

Input Set : **A:\10509401.txt**
Output Set: **N:\CRF4\05182005\J509401.raw**

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      3 <110> APPLICANT: QVIST, Magnus
      5 <120> TITLE OF INVENTION: METHOD FOR ATTACHING TWO SURFACES TO EACH OTHER USING A
      6       BIOADHESIVE POLYPHENOLIC PROTEIN AND PERIODATE IONS
      8 <130> FILE REFERENCE: 77147
     10 <140> CURRENT APPLICATION NUMBER: 10/509,401
C--> 11 <141> CURRENT FILING DATE: 2004-09-24
     13 <150> PRIOR APPLICATION NUMBER: PCT/SE03/00492
     14 <151> PRIOR FILING DATE: 2003-03-25
     16 <150> PRIOR APPLICATION NUMBER: US 60/374,129
     17 <151> PRIOR FILING DATE: 2002-04-22
     19 <150> PRIOR APPLICATION NUMBER: SE 0200924-9
     20 <151> PRIOR FILING DATE: 2002-03-26
     22 <160> NUMBER OF SEQ ID NOS: 11
     24 <170> SOFTWARE: PatentIn version 3.2
     26 <210> SEQ ID NO: 1
     27 <211> LENGTH: 9
     28 <212> TYPE: PRT
     29 <213> ORGANISM: Artificial
     31 <220> FEATURE:
     32 <223> OTHER INFORMATION: protein subsequence
     35 <220> FEATURE:
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     38 <223> OTHER INFORMATION: DOPA
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     41 <221> NAME/KEY: MISC_FEATURE
     42 <222> LOCATION: (6)..(6)
     43 <223> OTHER INFORMATION: DOPA
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     48 1               5
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     53 <212> TYPE: PRT
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     56 <220> FEATURE:
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     63 <223> OTHER INFORMATION: diHyp
     65 <220> FEATURE:
     66 <221> NAME/KEY: MISC_FEATURE
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RAW SEQUENCE LISTING
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TIME: 10:05:09

Input Set : A:\10509401.txt
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67 <222> LOCATION: (7)..(7)
68 <223> OTHER INFORMATION: Hyp
70 <220> FEATURE:
71 <221> NAME/KEY: MISC_FEATURE
72 <222> LOCATION: (9)..(9)
73 <223> OTHER INFORMATION: DOPA
75 <400> SEQUENCE: 2
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81 <210> SEQ ID NO: 3
82 <211> LENGTH: 8
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: protein subsequence
90 <220> FEATURE:
91 <221> NAME/KEY: MISC_FEATURE
92 <222> LOCATION: (3)..(3)
93 <223> OTHER INFORMATION: DOPA
95 <220> FEATURE:
96 <221> NAME/KEY: MISC_FEATURE
97 <222> LOCATION: (7)..(7)
98 <223> OTHER INFORMATION: DOPA
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W--> 102 **Thr Gly Xaa Gly Pro Gly Xaa Lys**
103 1 5
106 <210> SEQ ID NO: 4
107 <211> LENGTH: 7
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial
111 <220> FEATURE:
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115 <220> FEATURE:
116 <221> NAME/KEY: MISC_FEATURE
117 <222> LOCATION: (3)..(3)
118 <223> OTHER INFORMATION: DOPA
120 <400> SEQUENCE: 4
W--> 122 **Ala Gly Xaa Gly Gly Leu Lys**
123 1 5
126 <210> SEQ ID NO: 5
127 <211> LENGTH: 11
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial
131 <220> FEATURE:
132 <223> OTHER INFORMATION: protein subsequence
135 <220> FEATURE:
136 <221> NAME/KEY: MISC_FEATURE
137 <222> LOCATION: (3)..(3)
138 <223> OTHER INFORMATION: DOPA

RAW SEQUENCE LISTING DATE: 05/19/2005
PATENT APPLICATION: US/10/509,401 TIME: 10:05:09

Input Set : A:\10509401.txt
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     148 <212> TYPE: PRT
     149 <213> ORGANISM: Artificial
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     156 <221> NAME/KEY: MISC_FEATURE
     157 <222> LOCATION: (6)..(6)
     158 <223> OTHER INFORMATION: DOPA
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     162 <222> LOCATION: (10)..(10)
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     193 <212> TYPE: PRT
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     196 <220> FEATURE:
     197 <223> OTHER INFORMATION: protein subsequence
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     202 <222> LOCATION: (3)..(3)
     203 <223> OTHER INFORMATION: DOPA
     205 <220> FEATURE:
     206 <221> NAME/KEY: MISC_FEATURE
     207 <222> LOCATION: (7)..(7)
     208 <223> OTHER INFORMATION: DOPA
     210 <400> SEQUENCE: 8
W--> 212 Thr Gly Xaa Ser Ala Gly Xaa Lys
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RAW SEQUENCE LISTING DATE: 05/19/2005
PATENT APPLICATION: US/10/509,401 TIME: 10:05:09

Input Set : A:\10509401.txt
Output Set: N:\CRF4\05182005\J509401.raw

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218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial
221 <220> FEATURE:
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225 <220> FEATURE:
226 <221> NAME/KEY: MISC_FEATURE
227 <222> LOCATION: (4)..(4)
228 <223> OTHER INFORMATION: DOPA
230 <220> FEATURE:
231 <221> NAME/KEY: MISC_FEATURE
232 <222> LOCATION: (8)..(8)
233 <223> OTHER INFORMATION: DOPA
235 <400> SEQUENCE: 9
W--> 237 **Gln Thr Gly Xaa Val Pro Gly Xaa Lys**
238 1 5
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242 <211> LENGTH: 9
243 <212> TYPE: PRT
244 <213> ORGANISM: Artificial
246 <220> FEATURE:
247 <223> OTHER INFORMATION: protein subsequence
250 <220> FEATURE:
251 <221> NAME/KEY: MISC_FEATURE
252 <222> LOCATION: (4)..(4)
253 <223> OTHER INFORMATION: DOPA
255 <400> SEQUENCE: 10
W--> 257 **Gln Thr Gly Xaa Asp Pro Gly Tyr Lys**
258 1 5
261 <210> SEQ ID NO: 11
262 <211> LENGTH: 9
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial
266 <220> FEATURE:
267 <223> OTHER INFORMATION: protein subsequence
270 <220> FEATURE:
271 <221> NAME/KEY: MISC_FEATURE
272 <222> LOCATION: (4)..(4)
273 <223> OTHER INFORMATION: DOPA
275 <220> FEATURE:
276 <221> NAME/KEY: MISC_FEATURE
277 <222> LOCATION: (8)..(8)
278 <223> OTHER INFORMATION: DOPA
280 <400> SEQUENCE: 11
W--> 282 **Gln Thr Gly Xaa Leu Pro Gly Xaa Lys**
283 1 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/19/2005
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Input Set : A:\10509401.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4,6
Seq#:2; Xaa Pos. 6,7,9
Seq#:3; Xaa Pos. 3,7
Seq#:4; Xaa Pos. 3
Seq#:5; Xaa Pos. 3
Seq#:6; Xaa Pos. 6,10
Seq#:7; Xaa Pos. 2
Seq#:8; Xaa Pos. 3,7
Seq#:9; Xaa Pos. 4,8
Seq#:10; Xaa Pos. 4
Seq#:11; Xaa Pos. 4,8

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11

**VERIFICATION SUMMARY** DATE: 05/19/2005
PATENT APPLICATION: **US/10/509,401** TIME: 10:05:10

Input Set : **A:\10509401.txt**
Output Set: **N:\CRF4\05182005\J509401.raw**

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0